



09820149.ST25.txt
SEQUENCE LISTING

RECEIVED
JUN 28 2002
TECH CENTER 1600/2900

<110> Gellman, Samuel H
Appella, Daniel H
Lee, Hee-Seung
LePlae, Paul
Porter, Emilie
Wang, Xifang
Woll, Matthew

<120> Beta-Amino Acids

<130> 09820.149

<140> 09/833,496

<141> 2001-04-11

<150> 09/034,509

<151> 1998-03-04

B1 <150> 09/464,212

<151> 1999-12-15

<150> 60/039,905

<151> 1997-03-04

<160> 17

<170> PatentIn version 3.1

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Beta-Polypeptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> 2-aminocyclopentanecarboxylic acid

<400> 1

Xaa Xaa Xaa Xaa
 1

B <210> 2
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Beta-Polypeptide

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE


<222> (4)..(4)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclopentanecarboxylic acid

<400> 2

Xaa Xaa Xaa Xaa Xaa Xaa
1 5

 <210> 3
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2,5-diaminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2,5-diaminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2,5-diaminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclohexanecarboxylic acid

<400> 3

Xaa Xaa Xaa Xaa Xaa Xaa
5

<210> 4
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclohexanecarboxylic acid

<400> 4

31
Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE

<222> (2)..(2)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclopentanecarboxylic acid

<400> 5

Xaa Xaa Xaa Xaa
1

<210> 6
<211> 6
<212> PRT
<213> Artificial Sequence

BI <220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclopentanecarboxylic acid

<400> 6

Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence

B1 <220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2-amino-4-pyrrolidinecarboxylic acid


<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> 2-amino-4-pyrrolidinecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> 2-aminocyclopentanecarboxylic acid

 <220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> 2-aminocyclopentanecarboxylic acid

<400> 7

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5

<210> 8
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Beta-Polypeptide

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> 2-amino-5-pyrrolidinecarboxylic acid


<220>
 <221> MISC_FEATURE

<222> (3)..(3)
<223> 2-amino-5-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-amino-5-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> 2-amino-5-pyrrolidinecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclopentanecarboxylic acid

 <220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> 2-aminocyclopentanecarboxylic acid

<400> 8

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 9
<211> 6


<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 3-amino-3-(3-aminopropyl)propionic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 3-amino-3-(3-aminopropyl)propionic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 3-amino-3-(3-aminopropyl)propionic acid

 <220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclohexanecarboxylic acid

<400> 9

Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
B <221> MISC_FEATURE
<222> (3)..(3)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<400> 10

Xaa Xaa Xaa Xaa
1

<210> 11
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide


<220>
<221> MISC_FEATURE

<222> (1)..(1)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> 2-aminocyclopentanecarboxylic acid

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> 2-aminocyclopentanecarboxylic acid

 <400> 11
 Xaa Xaa Xaa Xaa
 1

<210> 12
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Beta-Polypeptide

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> 1-phenylthio-2-phenylmethyl-beta-amino acid

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> glycolic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 1-ethyl-2-methyl-beta-amino acid

<400> 12

Xaa Pro Xaa Xaa

1

<210> 13
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 1-(3-aminopropyl)-beta amino acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 1-(3-aminopropyl)-beta amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 1-(3-aminopropyl)-beta amino acid

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> 2-aminocyclohexanecarboxylic acid

<400> 13

Xaa Xaa Xaa Xaa Xaa Xaa
 1 5

<210> 14
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Beta-Polypeptide

B1 <220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> 3-aminopropanoic acid

<220>
 <221> MISC_FEATURE
 <222> (1)..(2)
 <223> 3-aminopropanoic acid

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> 3-aminopropanoic acid

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> 3-aminopropanoic acid

<220>
 <221> MISC_FEATURE

<222> (5)..(5)
<223> 3-aminopropanoic acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 3-aminopropanoic acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> 3-aminopropanoic acid

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> 3-aminopropanoic acid

B/ <400> 14

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 15
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Beta-Polypeptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> 2-aminocyclohexanecarboxylic acid

31
<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> 2-aminocyclohexanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> 2-aminocyclohexanecarboxylic acid

<400> 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 16

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Beta-Polypeptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (5)..(5)

<223> 2-aminocyclopentanecarboxylic acid

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> 2-aminocyclopentanecarboxylic acid

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> 2-aminocyclopentanecarboxylic acid

Bil
and
<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> 2-aminocyclopentanecarboxylic acid

<400> 16

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 17
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Alpha-Polypeptide

<400> 17

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10